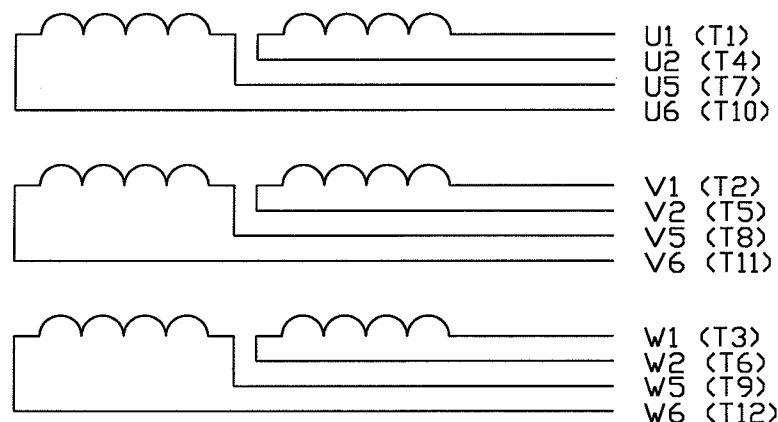
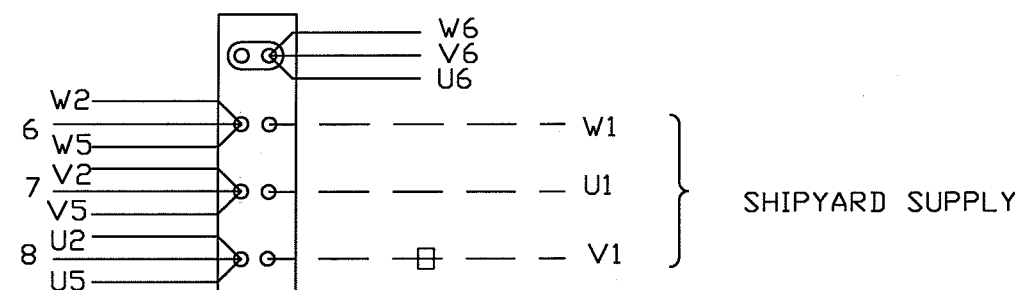


MAIN STATOR (12 LEADS)

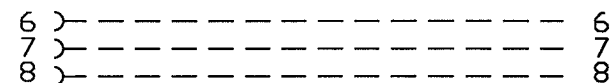


MAIN TERMINAL CONNECTIONS
SERIES STAR 3PH 4W
OUTPUT TERMINALS U, V, W, N
NOMINAL 480 VOLT CONNECTION



□ DROOP CT POSITION (LOCATED IN SWITCHGEAR)
SEE INSTALLATION NOTE 6

CONNECTION TO AVR LOCATED IN EOS
SEE INSTALLATION NOTE 3 AND 4




SHIPYARD INSTALLATION DATA

- GENERATOR CONNECTION
1. STUDS PROVIDED IN GENERATOR LEAD CONNECTION BOX FOR CONNECTION OF MAIN LEADS
 2. SHIPYARD TO PROVIDE ALL LUBS AND WIRING FOR MAIN LEAD CONNECTION
 3. VOLTAGE REGULATOR HAS MAXIMUM SENSING INPUT OF 660 VOLT AND MAY BE CONNECTED TO TERMINALS 6, 7 AND 8 AS SHOWN. (REFERENCE DATA ON DECS 100 DIGITAL VOLTAGE REGULATOR AND DRAWING 8-6176205-E4)
 4. SENSING VOLTAGE ON EGCP-3 GOVERNOR IS ALSO A MAXIMUM OF 240 VOLT AND CAN BE TAKEN FROM TERMINALS 6, 7 AND 8. (SEE SWITCHGEAR DESIGN FOR POSSIBLE OPERATION WITH POTENTIAL TRANSFORMERS.) REFERENCE DWG 8-6176205-E2
 5. REFERENCE DRAWING 8-6176205-G1 FOR GENERAL DIMENSIONS
 6. DROOP CT SUPPLIED BY PPPC FOR INSTALLATION IN THE SWITCHGEAR IN THE VICINITY OF THE VOLTAGE REGULATOR.

NOTES

1. REFERENCE NEWAGE DRAWING DA7-A100 FOR OTHER VOLTAGE CONNECTIONS
2. AVR - AUTOMATIC VOLTAGE REGULATOR

								DRAWING: MAIN LEAD CONNECTION DIAGRAM NEWAGE DRAWING # DA7-A100			
				7215 SOUTH 228TH STREET, KENT, WA 98037 PH. (253) 854-0505 * FAX (253) 850-2631				PROJECT: WASHINGTON STATE FERRIES 130 CAR FERRY			
				ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED				DATE SHEET 1 OF 1 SCALE: NONE			
B 5/1/06 RAB				DESIGNED RAB 10-13-05				DRAWING NO.			
A 3/14/06 RAB				CHECKED KJC 10-13-05				8-6176205-E6			
REV DATE CHECKED				DRAFTED DMD 10-13-05				REV. B			